

Stormwater Almanac

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Upcoming Survey on Town Sustainability

The town is developing a comprehensive sustainability plan that will guide future development and the transition to 100% clean energy.

More information will be available soon, including how to participate in an upcoming community survey. See the website for more information: www.hillsboroughnc.gov/sustainability

This is a publication of the ...

Town of Hillsborough
Stormwater and
Environmental Services
Division

Issues available online at www.hillsboroughnc.gov



Our Stormwater Drains to the Eno River!

Stormwater Control Measure Owners of the Year

Urban development projects often require stormwater control measures to meet development regulations. Each owner of a stormwater control measure is responsible for regular inspection and maintenance, which is important for protecting water quality.

The Hillsborough Stormwater and Environmental Services Division wishes to recognize those owners with consistently well-maintained stormwater control measures, a long-term



Bioretention Cell at Carolina Behavioral Care

record of on-time inspection reports, and overall excellence in stormwater compliance. This year, the division has selected three outstanding Owners of the Year:

Carolina Behavioral Care — Bioretention Cells

Heritage Townhomes — Dry Detention Pond

Sports Endeavors — Dry Detention Pond

At Carolina Behavioral Care, two bioretention cells — disguised as landscaped areas — remove pollutants from stormwater runoff every time it rains. Bioretention cells function like mini-ecosystems, using natural processes to remove sediment, excess nutrients, and other pollutants from stormwater runoff. Regular maintenance is key to achieving these water quality benefits, and one of the most important tasks is refreshing the mulch layer each year. The mulch layer protects a bioretention cell from being clogged with sediment and helps reduce harmful bacteria in stormwater. Carolina Behavioral Care routinely replaces its mulch layer

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What Is an SCM?

A stormwater control measure (SCM) captures and treats stormwater runoff — water that runs off surfaces when it rains.

Development projects throughout the town use these devices to meet stormwater requirements. If you see a pond near a shopping center, that's probably a stormwater control measure. Other types include dry detention, swales, bioretention, level spreaders, and stormwater wetlands.

Stormwater control measures slow stormwater runoff and prevent erosion and flooding. They also remove pollutants from stormwater runoff, which helps protect the water quality of our creeks and the Eno River. All stormwater control measures require maintenance to ensure public safety, achieve pollutant removal, and prevent costly repairs.

Stormwater Control Measure Honorable Mentions

The Hillsborough Stormwater and Environmental Services Division would like to recognize the following stormwater control measure owners who received honorable mention for maintenance and compliance:

- A Step to Health Infiltration Swale
- Elmcroft of Hillsborough

 Dry Detention Pond
- N.C. Farm Bureau

 Dry Detention Pond
- Thalle Construction

 Dry Detention Pond
- State Employees'
 Credit Union
 Bioretention and
 Dry Detention Pond

For more information, please visit: www.hillsboroughnc.gov/government/departments-and-divisions/stormwater-and-environmental-services/

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while keeping up with other regular maintenance and stormwater requirements. Great job, Carolina Behavioral Care!

Heritage Townhomes was completed in the early 2000s; and at the time, a small dry detention pond was required to treat stormwater in this neighborhood. The pond collects water when it rains and dries out between rain events. Regular maintenance is especially important for older ponds so that structural problems can be easily identified. When repair needs are identified early on, more expensive repairs can sometimes be avoided. The Heritage Townhomes of Hillsborough Homeowners Association regularly maintains the



Sports Endeavors Dry Detention Pond

vegetation within and surrounding its pond and completes all inspections on time. Way to go, Heritage Townhomes HOA!

Similar to Heritage Townhomes, the Sports Endeavors property includes an older dry detention pond. With an area of nearly one-quarter acre, this pond collects stormwater runoff from the Sports Endeavors facilities. As runoff collects in this pond, the concrete

outlet structure slows the rate of stormwater flowing through the property. Maintaining such a large pond is no small task. Sports Endeavors has exceeded maintenance expectations and achieved an excellent stormwater compliance record.

Stormwater control measure owners faced many challenges this year, and their resilience impressed town stormwater staff.

"With Hillsborough experiencing record rainfall this past winter, storm-water control and treatment has never been more important," Stormwater Program Coordinator Heather Fisher said. "Our town is fortunate to have so many responsible SCM owners. We had a tough choice this year and applaud everyone's efforts."

The Owners of the Year will receive:

- A certificate signed by Mayor Jenn Weaver and Stormwater and Environmental Services Manager Terry Hackett.
- A one-year exemption from the annual inspection requirement.

Congratulations to the Owners of the Year! Keep up the great work!

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